

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2004/002424

A. CLASSIFICATION OF SUBJECT MATTER**IPC7 B23B 29/02**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 B23B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean patents and applications for inventions since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
New Patents & Utility Models Search System(KIPO) : composite, tool, bar, bite, insert, adjusting, holding

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| A | KR 2003-9592 A (KAIST & VISION INNO-TECH CORP) 05 FEBRUARY 2003. | 1-10 |
| A | JP 60-238202 A (SUMITOMO ELECTRIC IND LTD) 27 NOVEMBER 1985. | 1-10 |
| A | WO 98/1250 A1 (SANDVIK AB) 15 JANUARY 1998. | 1-10 |
| A | JP 8-174313 A (KOBEL STEEL LTD) 09 JULY 1996. | 1-10 |

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

14 JANUARY 2005 (14.01.2005)

Date of mailing of the international search report

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Name and mailing address of the ISA/KR



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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2004/002424

| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
|---|---------------------|----------------------------|---------------------|
| KR 2003-9592 A | 05-02-2003 | NONE | |
| JP 60-238202 A | 27-11-85 | NONE | |
| WO 98/1250 A1 | 15-01-98 | SE 9602727 A0 | 08-07-1996 |
| | | SE 9602727 A | 09-01-1998 |
| | | SE 511395 C2 | 20-09-1999 |
| | | EP 958082 A1 | 24-11-1999 |
| | | US 6076999 A | 20-06-2000 |
| | | JP 2001505133 T2 | 17-04-2001 |
| | | EP 958082 B1 | 18-09-2002 |
| | | DE 69715673 C0 | 24-10-2002 |
| | | DE 69715673 T2 | 15-05-2003 |
| JP 8-174313 A | 09-07-96 | NONE | |